

FIG. 1

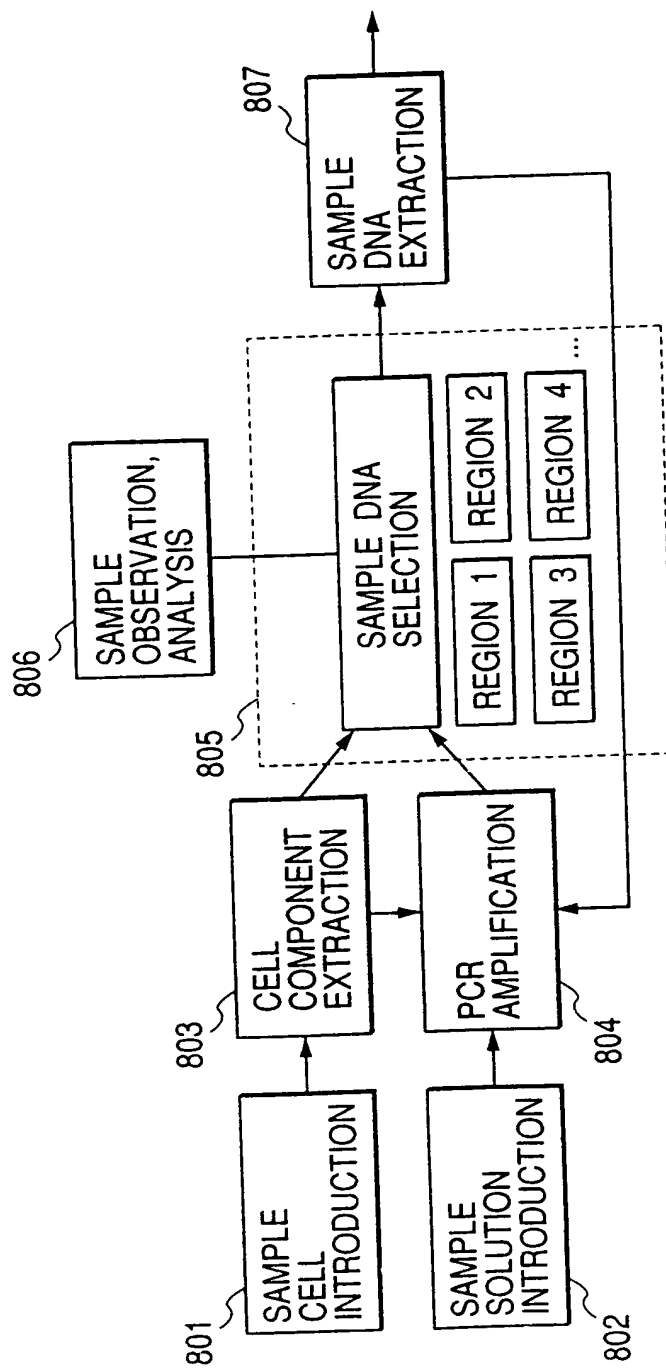
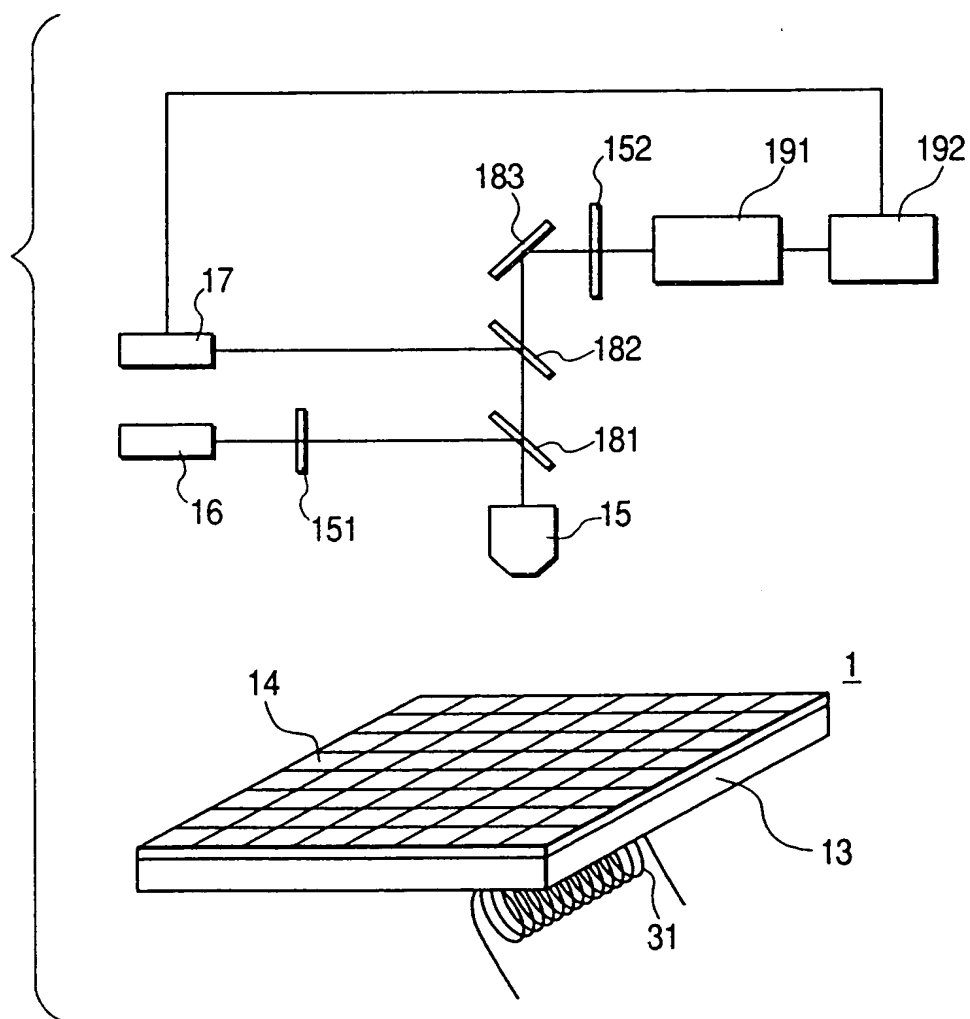


FIG. 2



10003305.120501

FIG. 3

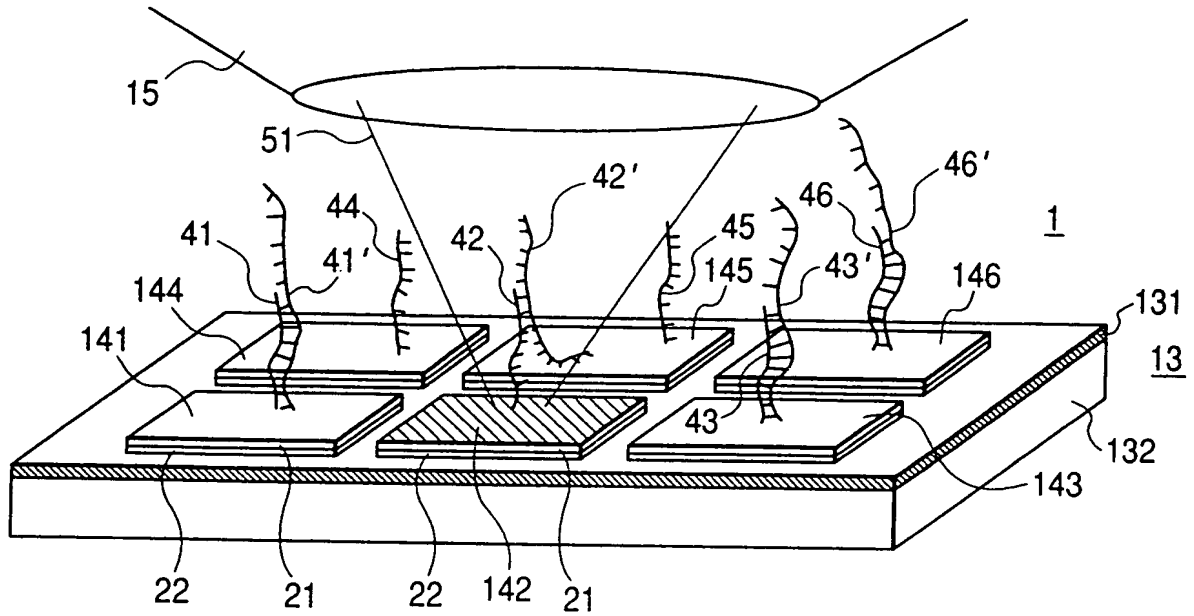


FIG. 4

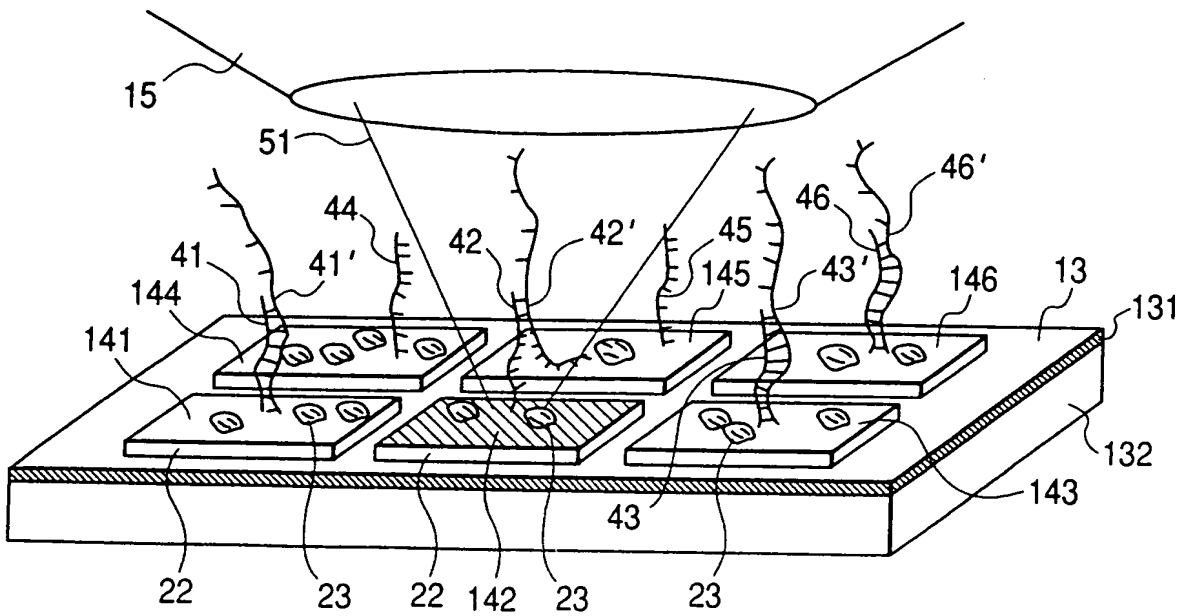


FIG. 7

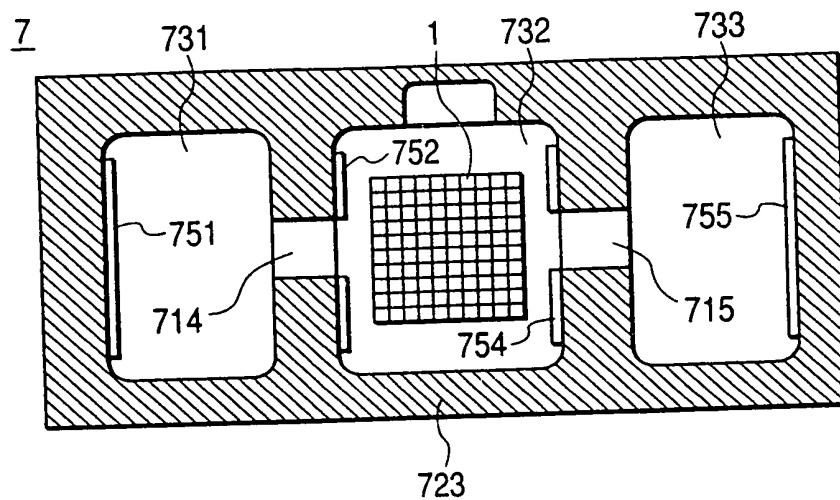
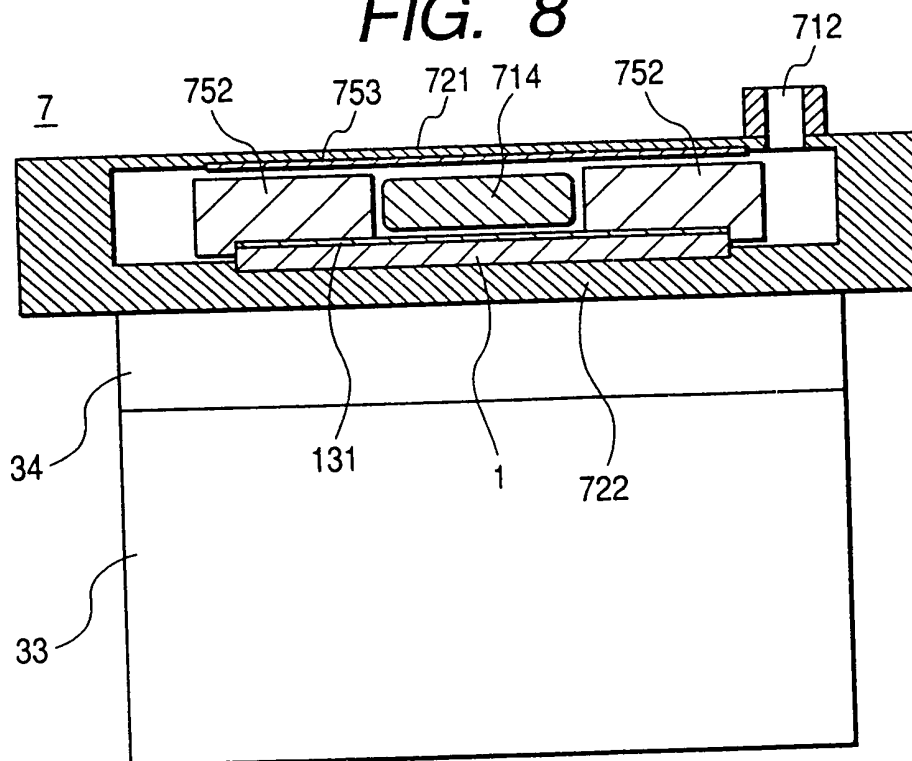


FIG. 8



10003305.120601

FIG. 9A

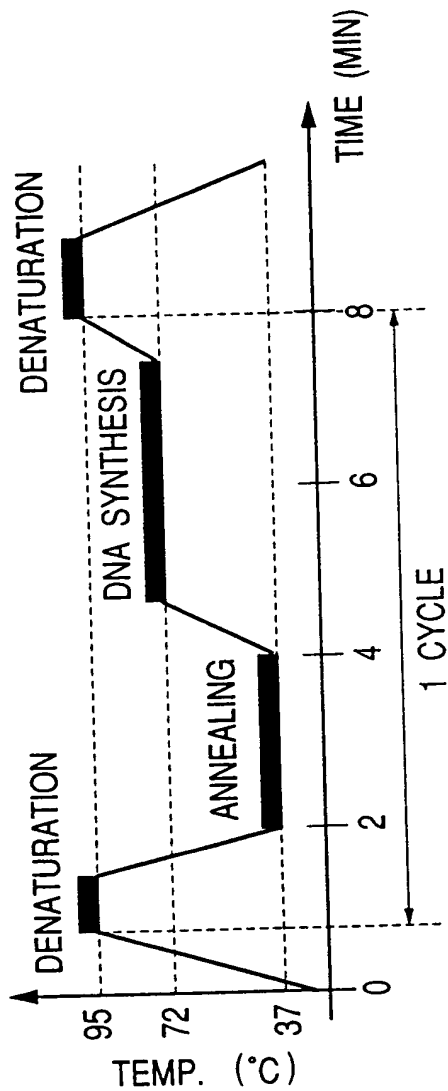


FIG. 9C

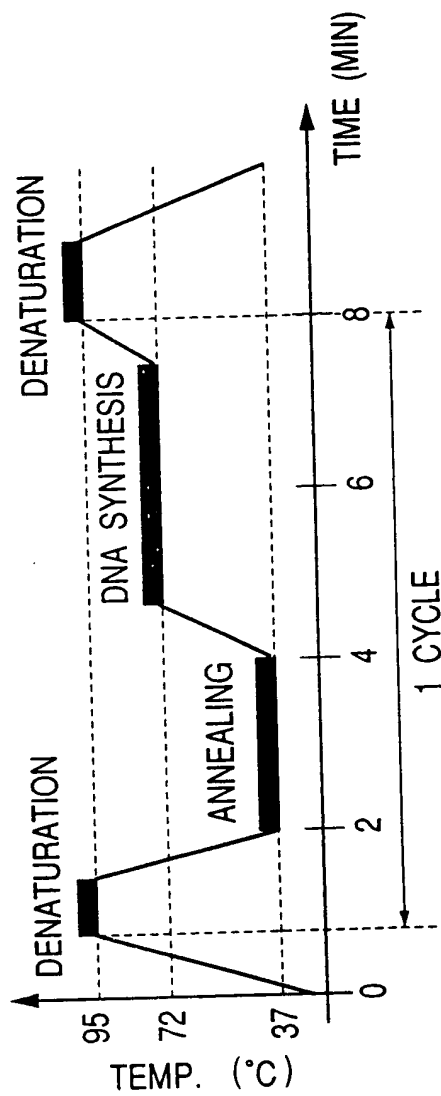
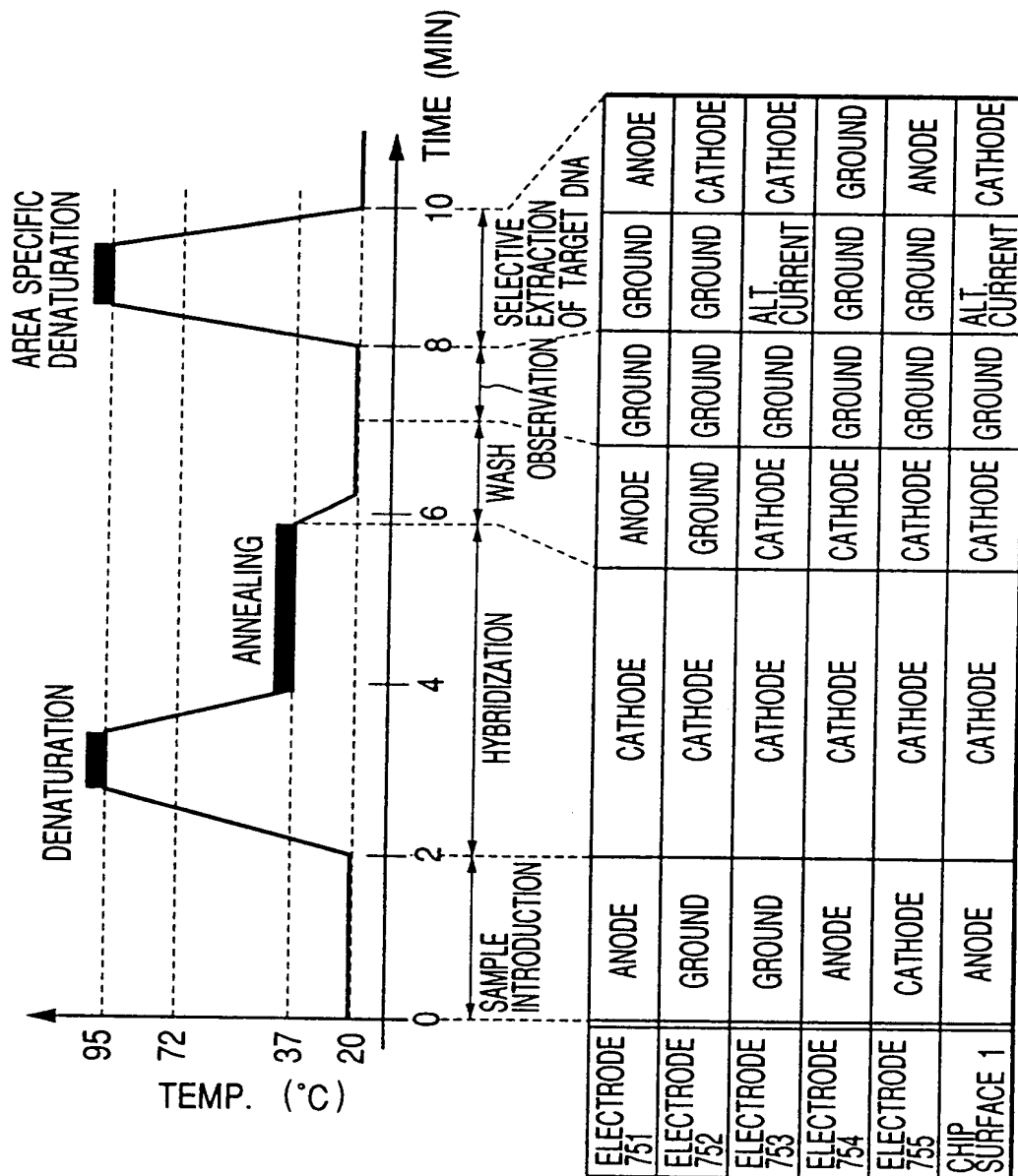


FIG. 9B



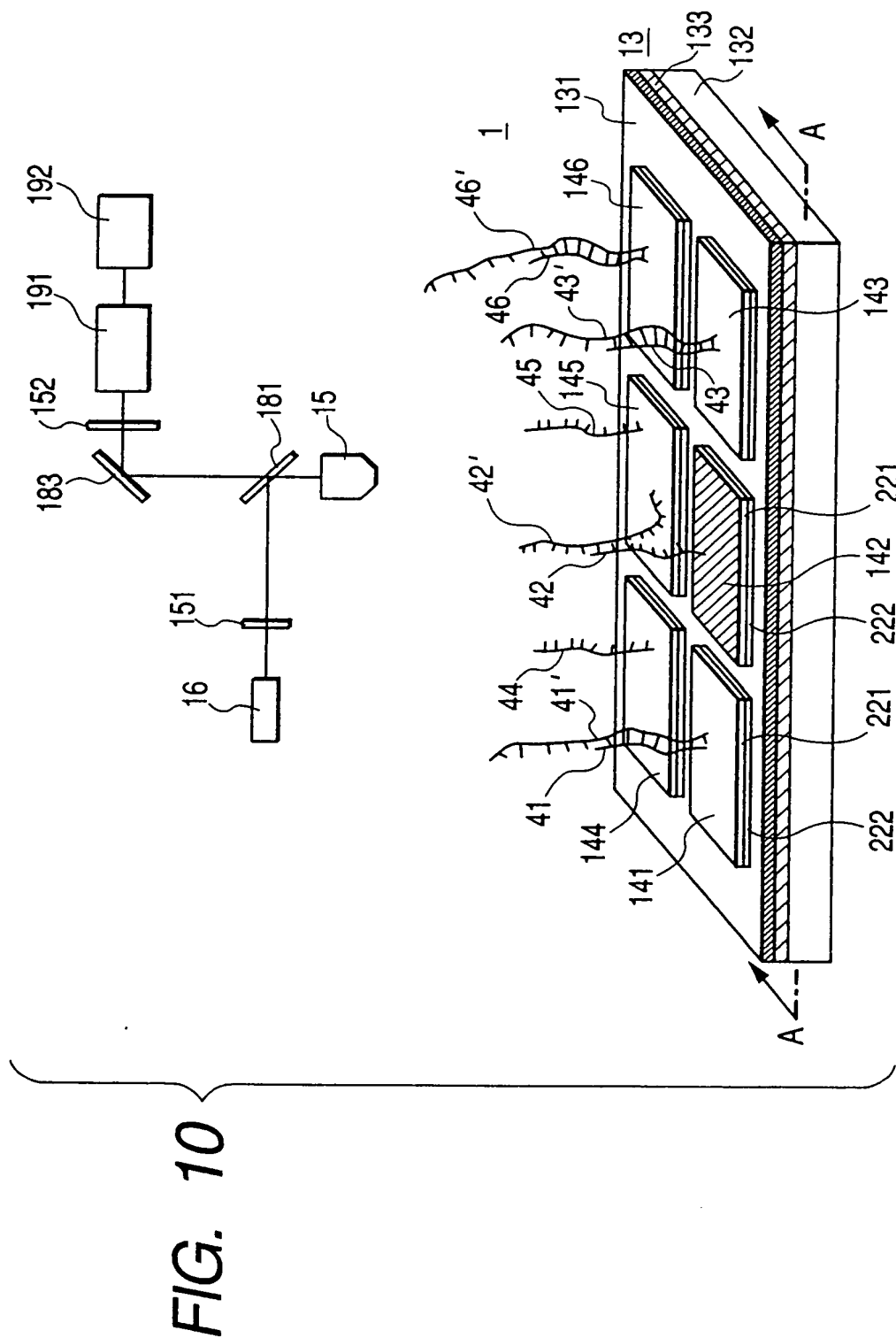
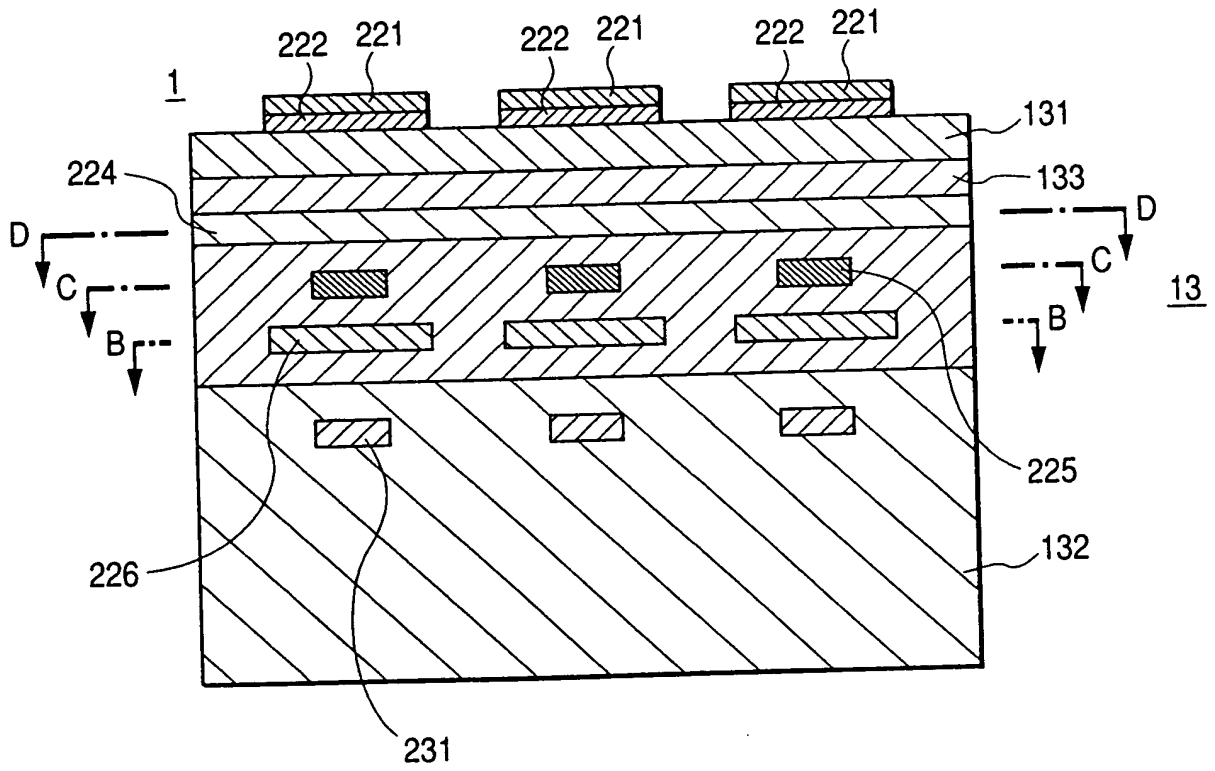


FIG. 11



10003305-120601

FIG. 12A

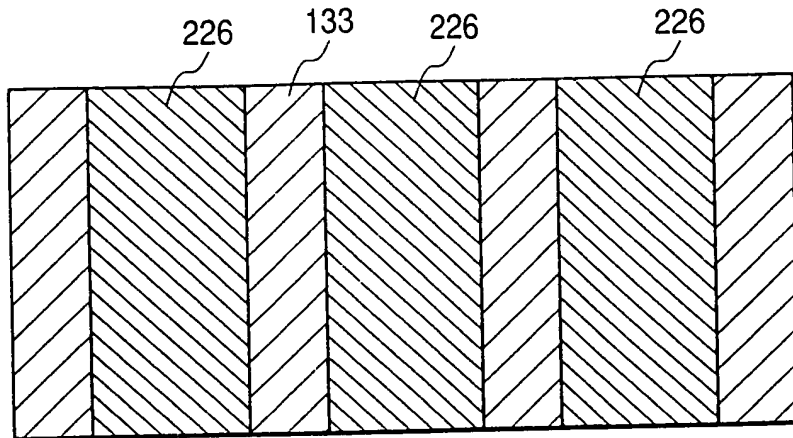


FIG. 12B

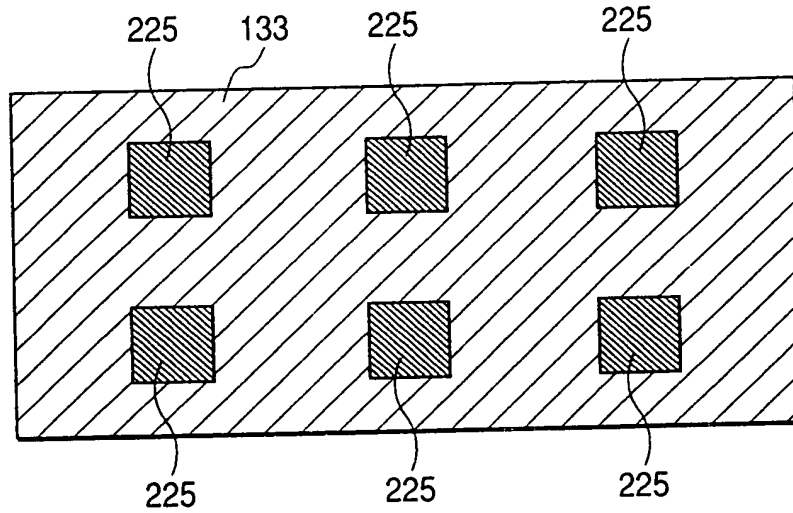


FIG. 12C

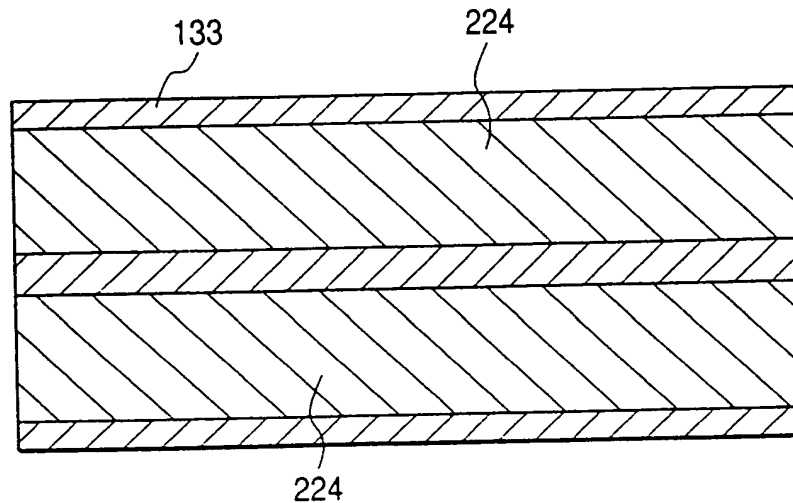
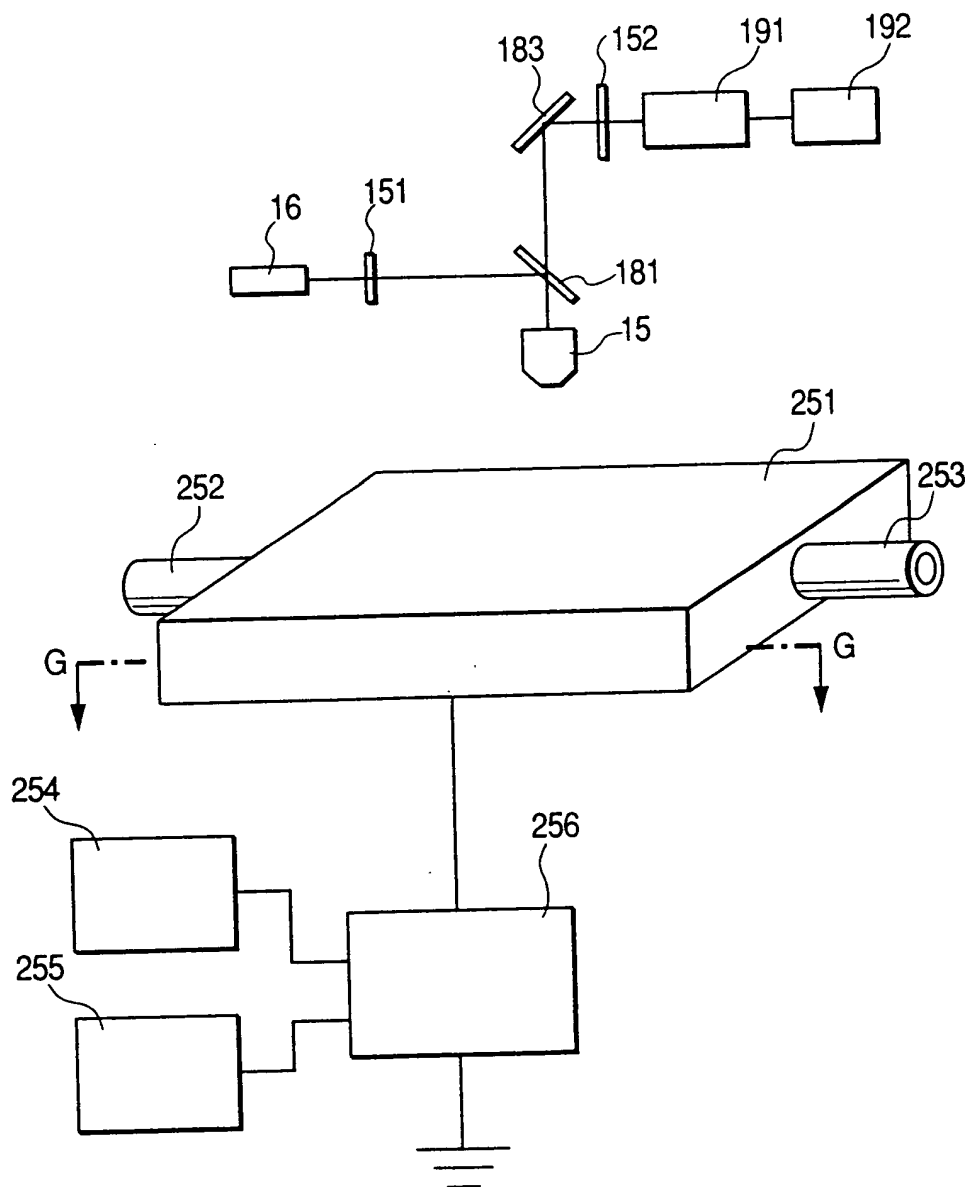
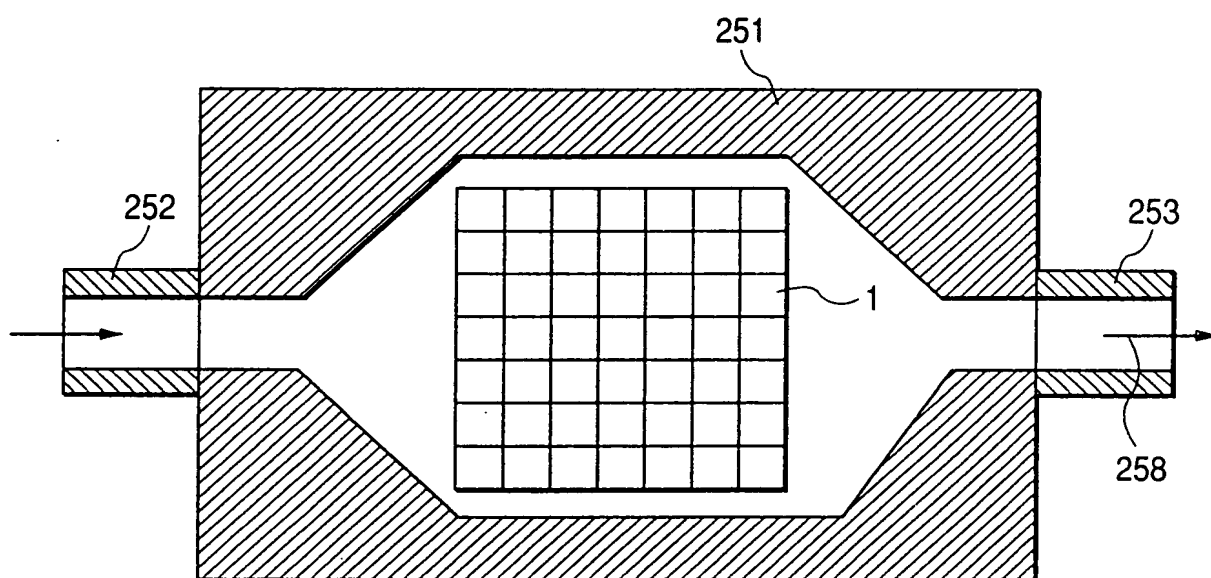


FIG. 13



10003305-120601

FIG. 14



1003305.120601

FIG. 15

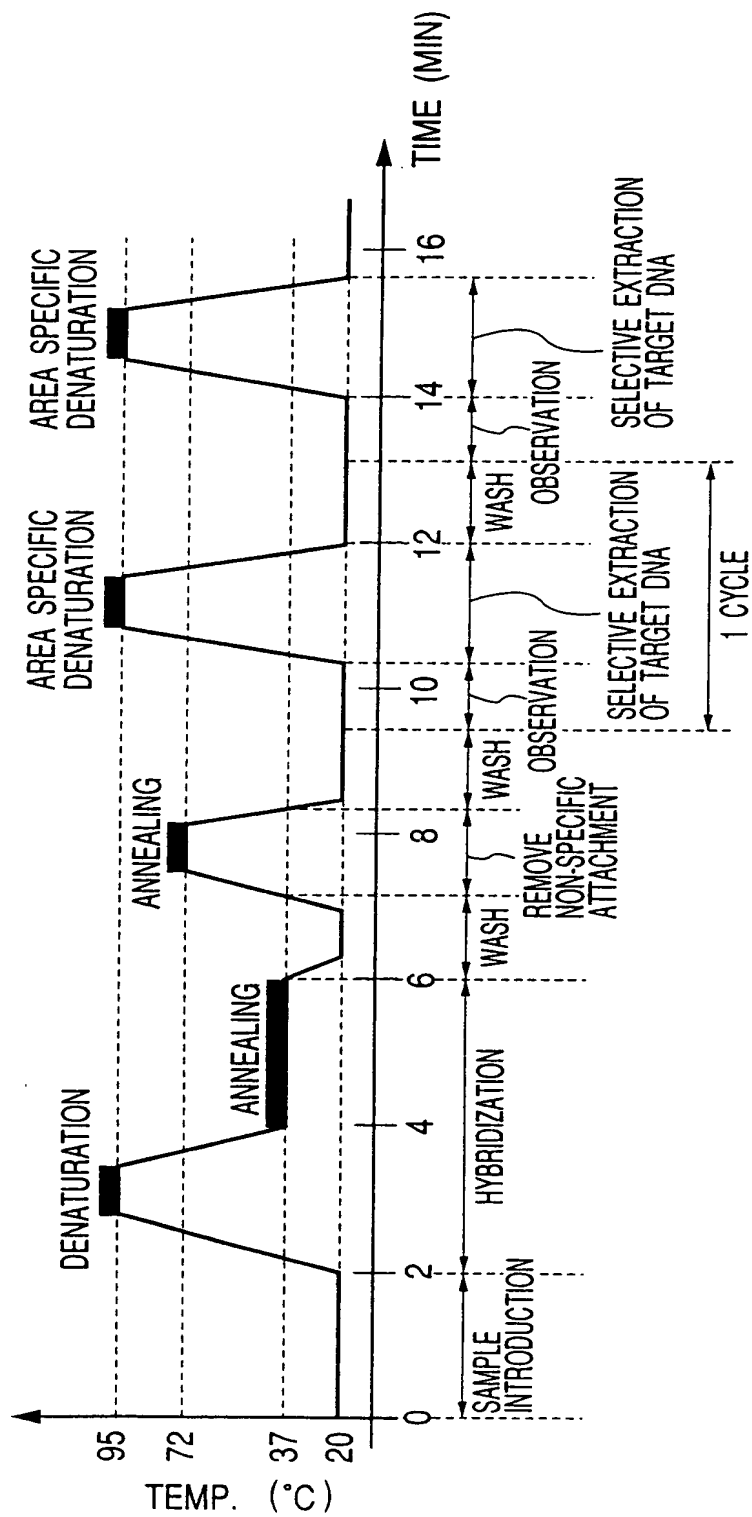
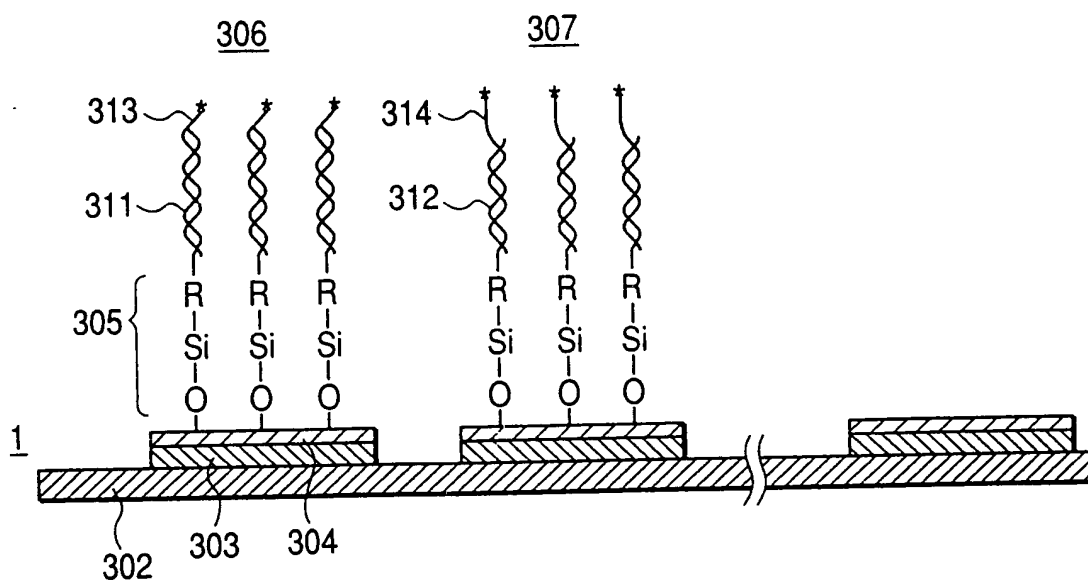


FIG. 16



10003305-120601

FIG. 17A

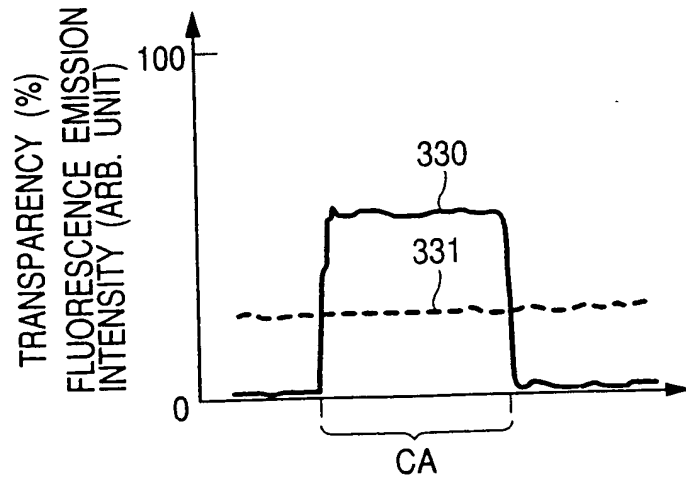


FIG. 17B

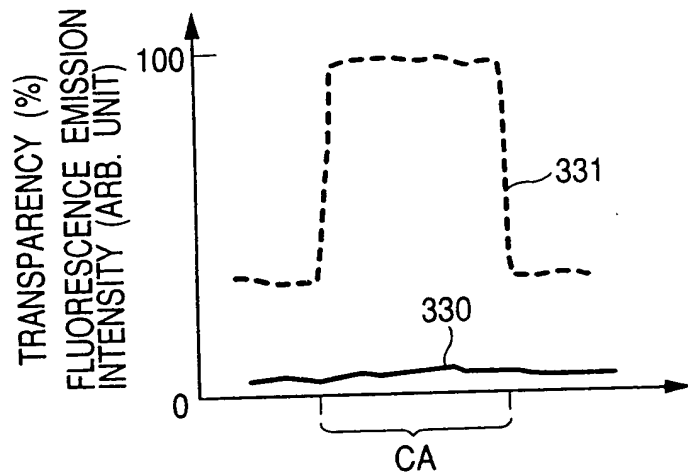
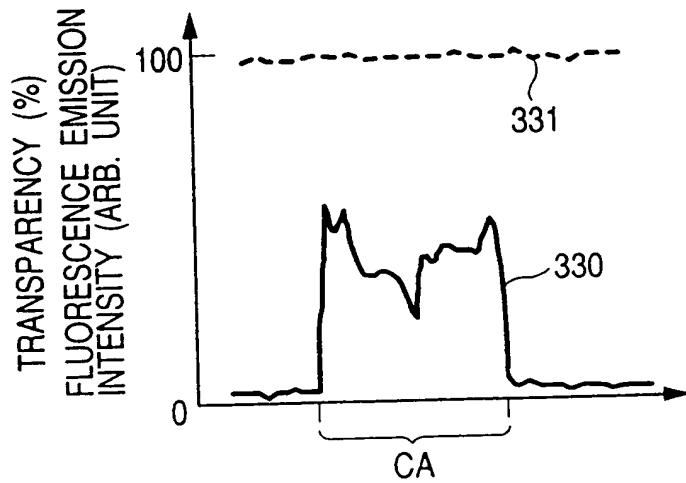
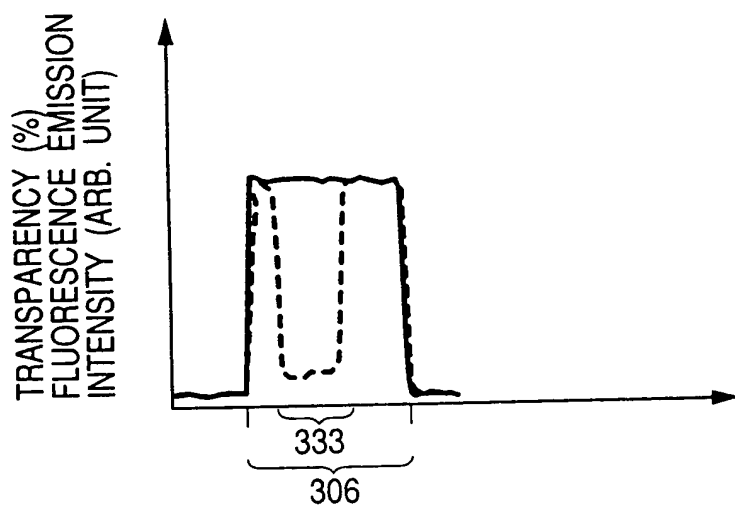
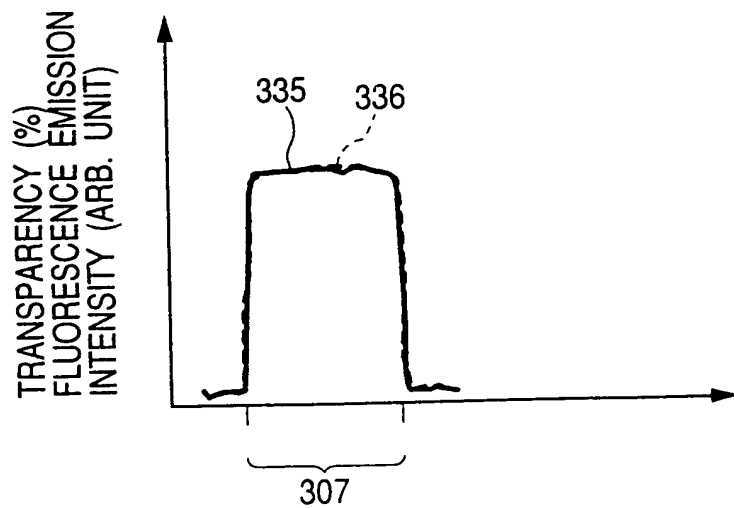


FIG. 17C



TO902T-50EE000T

FIG. 18A*FIG. 18B*

DNA LENGTH (bp)

2000

1000

750

500

400

200

340

341

342

343

344

FIG. 20

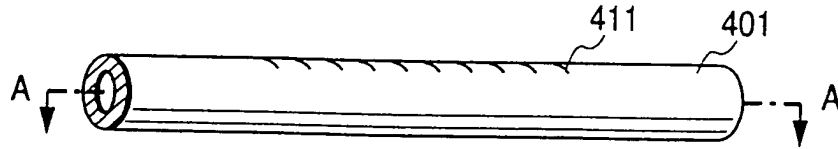


FIG. 21

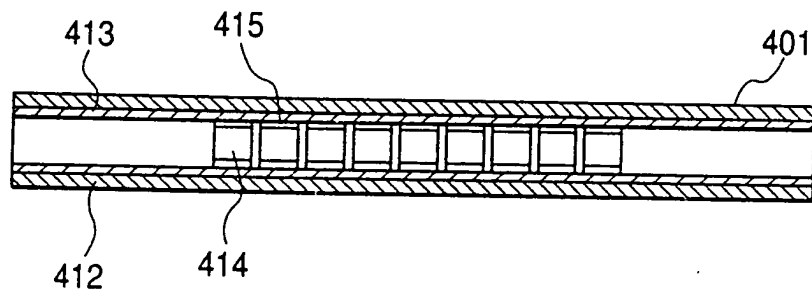
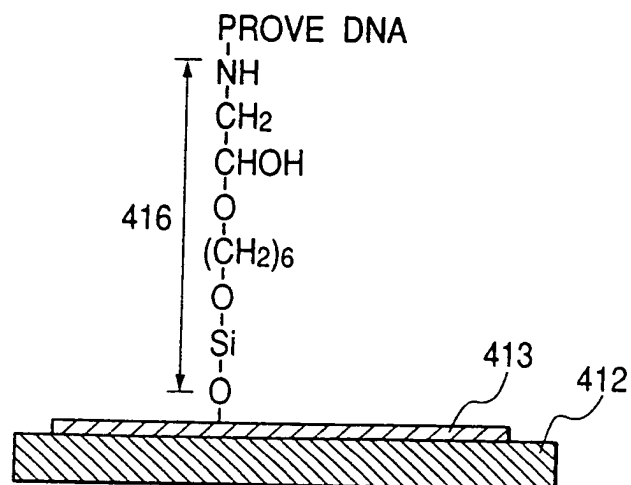
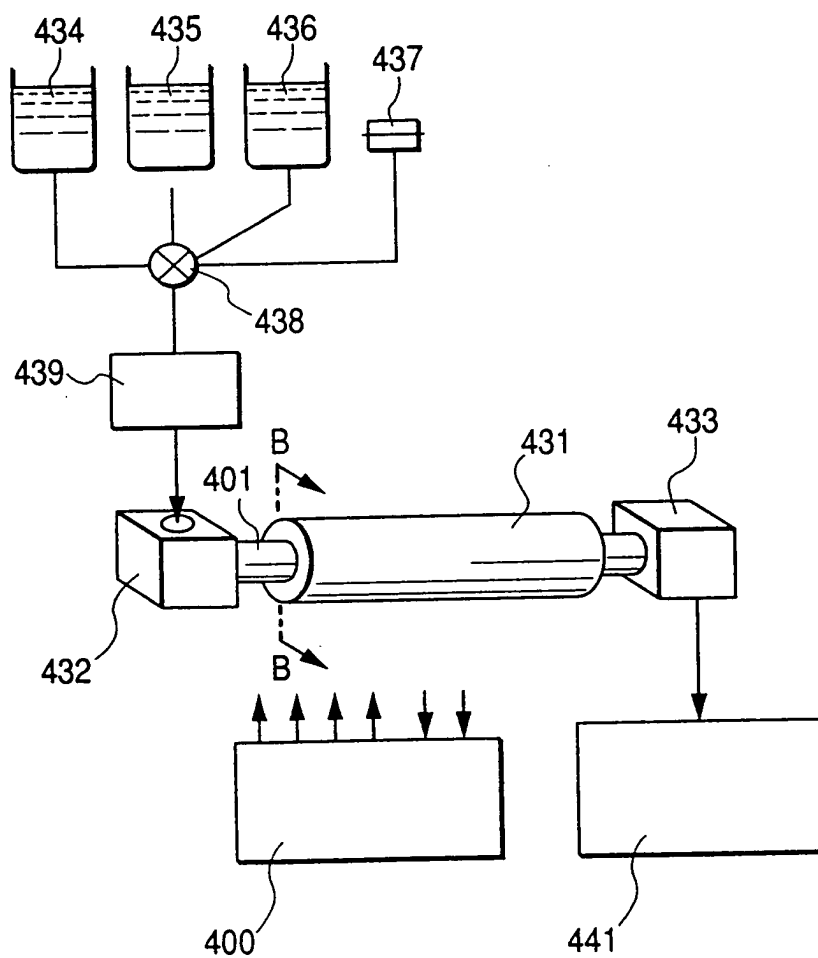


FIG. 22



10003305.120501

FIG. 23



10003305.120601

FIG. 24

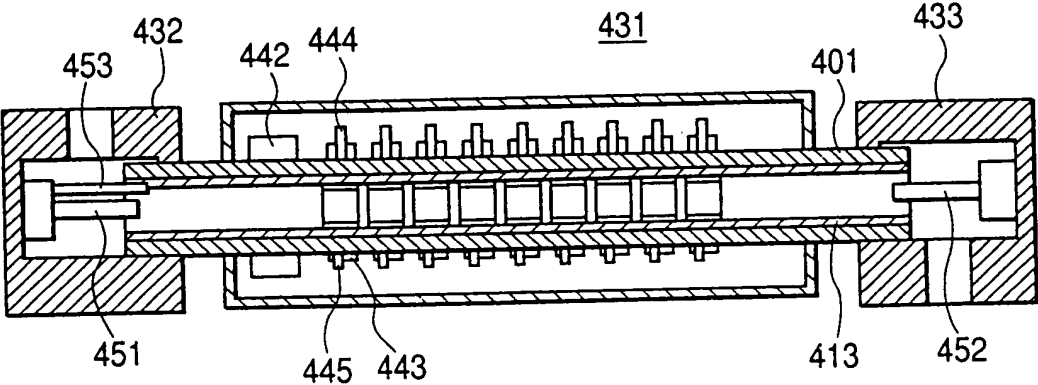


FIG. 25

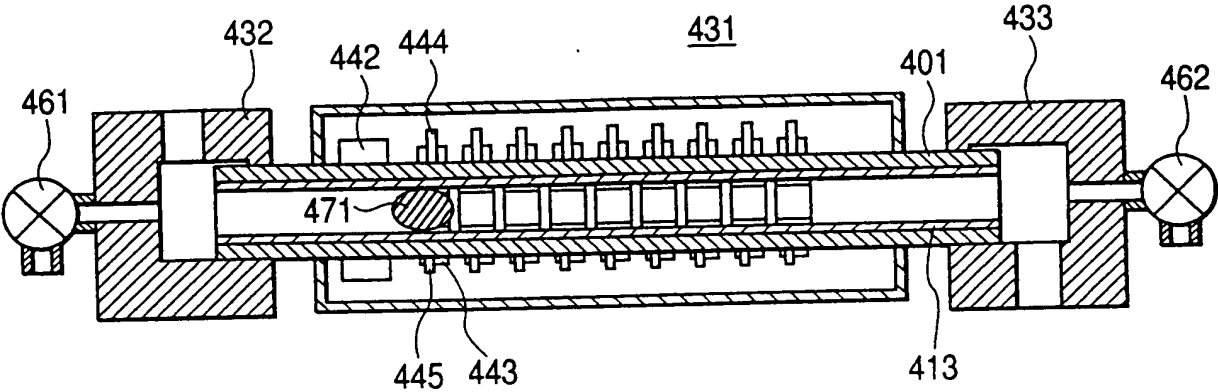


FIG. 26

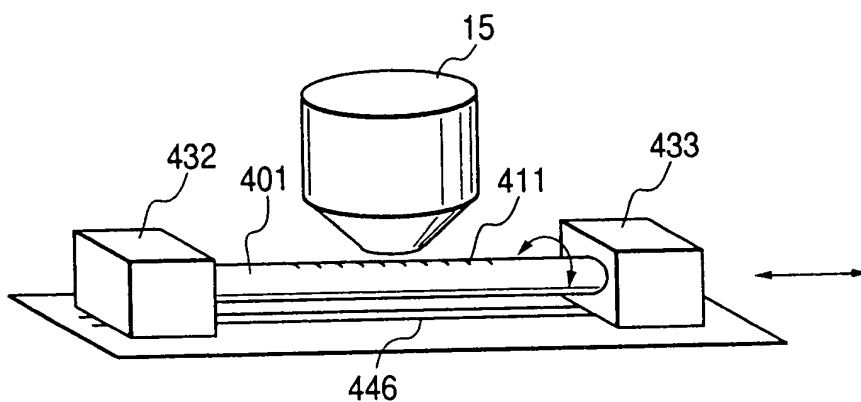


FIG. 27

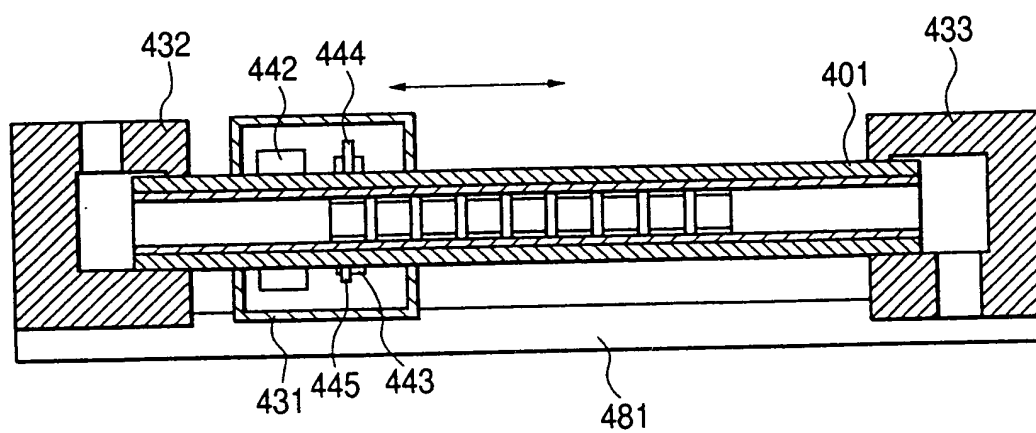
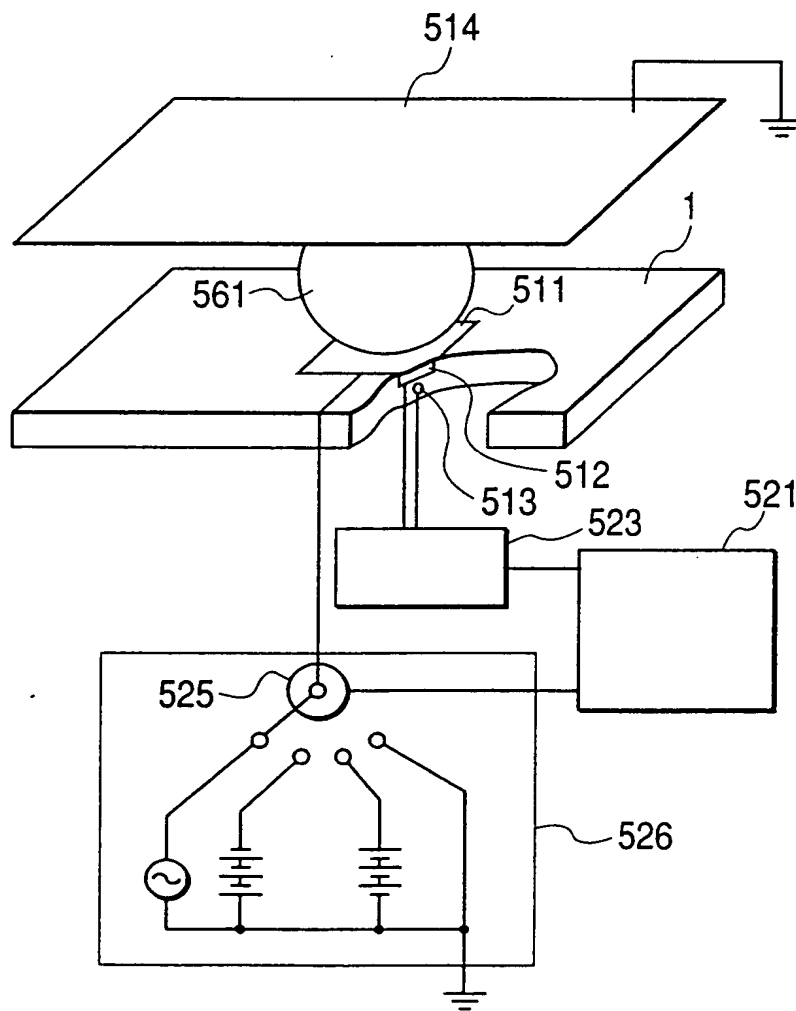


FIG. 28



10003305-120601

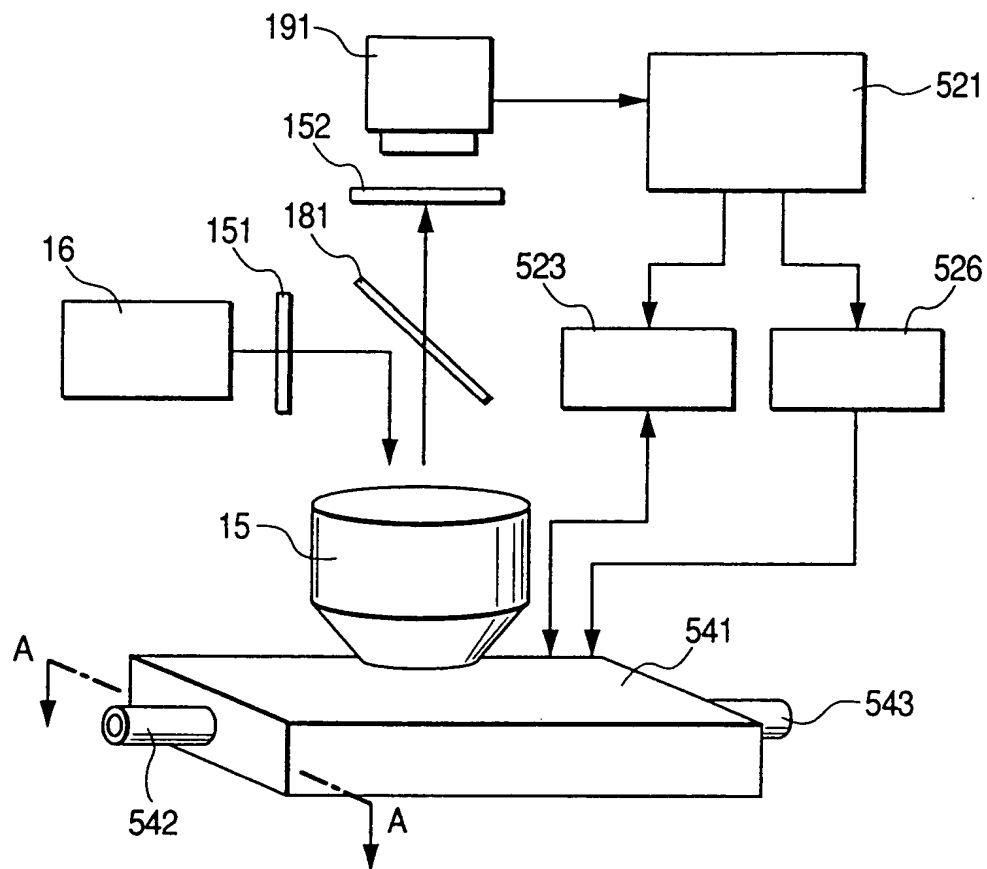
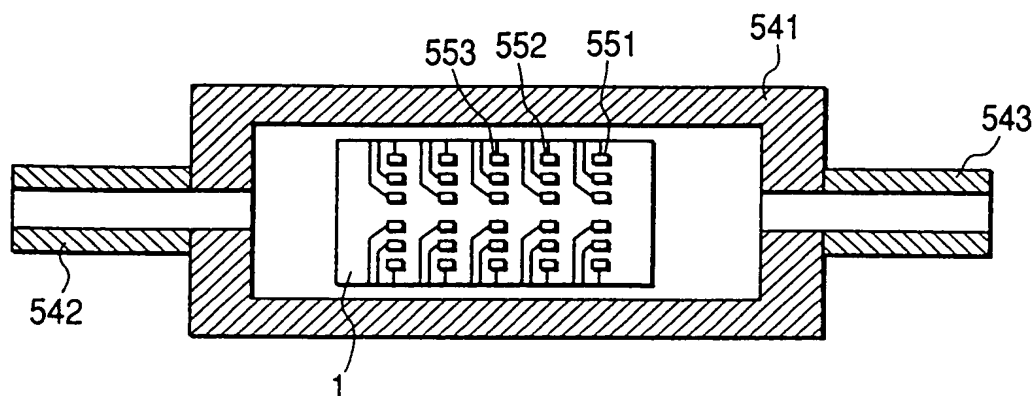
FIG. 29**FIG. 30**

FIG. 31A

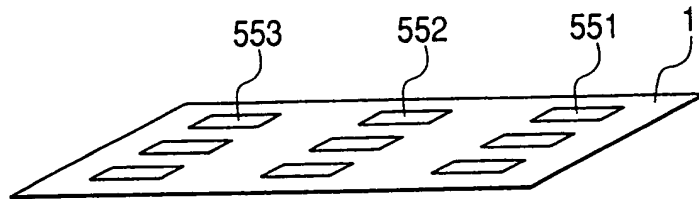


FIG. 31B

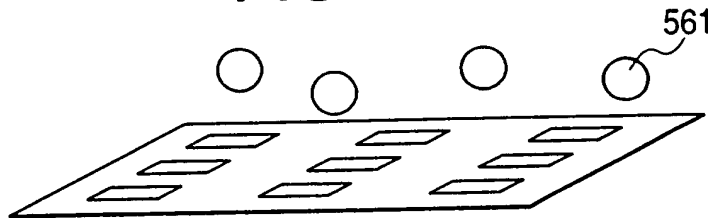


FIG. 31C

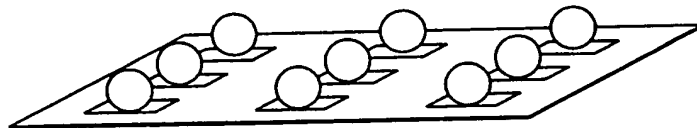


FIG. 31D

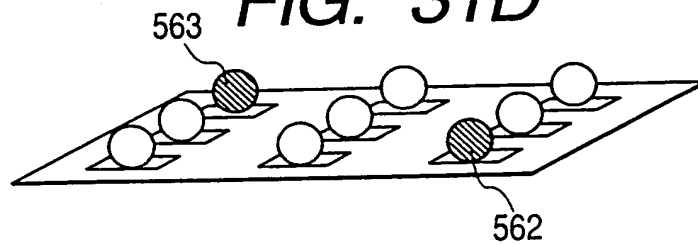
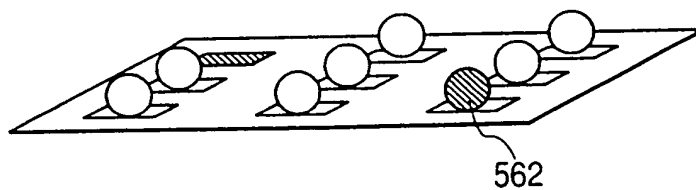


FIG. 31E



10003305-120601

FIG. 32A

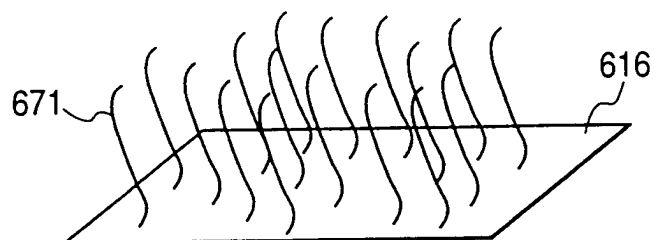


FIG. 32B

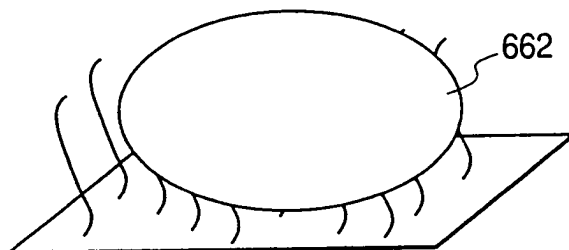


FIG. 32C

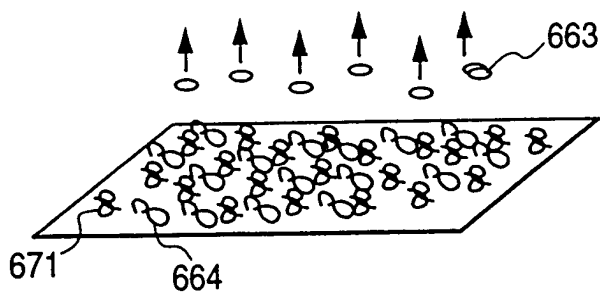
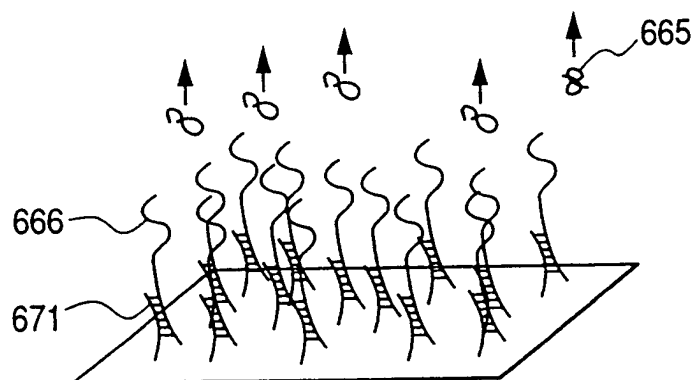


FIG. 32D



10003305-120601